

APPENDIX B

"MARKED UP" PARAGRAPHS ILLUSTRATING THE AMENDMENTS MADE TO THE
SPECIFICATION OF 08/459,141 WITH ENTRY OF THIS AMENDMENT

1. Please delete paragraph beginning at page 6, line 4 and substitute therefore the following new paragraph(s):

As used herein, the term "recombinant" refers to cells which have been transfected with vectors constructed using recombinant DNA technology and thus transformed with the capability of producing the polypeptide hereof. "Functional association" is meant being bound to the membrane, typically by projecting to both sides of the membrane, in such manner as to expose antigenic determinants folded in a native conformation recognizable by antibody elicited against the native pathogen. "Membrane-bound" in reference to polypeptides hereof refers to a class of polypeptides ordinarily produced in eukaryotic cells and characterized by having a signal sequence which is believed to assist its secretion through various cell membranes as well as a membrane-binding domain (usually hydrophobic in nature and occurring at the C-terminal end) which is thought to preclude its complete secretion through the cell membrane. As such, it remains functionally associated or bound to the membrane. This invention is particularly directed to the exploitation of those membrane-bound polypeptides associated with pathogenic organisms, e.g., herpes virus. The polypeptides of the invention are capable of raising neutralizing antibodies against in vivo challenge by a pathogen.